



Florida Department of  
**TRANSPORTATION**



# PTMS Inspection Form

**Transportation Statistics Section (TranStat)**

**Kara Schwartz**

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**954-777-4364**


# Background

- PTMS Inspection History
  - [PTMS Inspection Report 2012](#)
- PTMS Inspection Report 2016
  - Created in Excel
  - Standardize the inspection form (features and comments)
  - Portable: ie tablet, cell phone, laptop

# PTMS Inspection Form V2016

- General Information
- PTMS Criteria
  - Loops
  - Piezos
  - Cabinets
  - Pull box
  - Pictures of cabinet (inside & out), loops / piezos, general view
- Condition and Corrections
- General Comments

# PTMS Inspection Form V2016

FLORIDA DEPARTMENT OF TRANSPORTATION PLANNING & ENVIRONMENTAL MANAGEMENT OFFICE PORTABLE TRAFFIC MONITORING SITE INSPECTION REPORT								
Version 1.0 08-01-2016								
SITE No.:	Direction	EXACT LOCATION IN 1/10 OF MILES				Tech.	Date	Inspection
860000	Choose Option	Sample Location Address				Name	12/30/2016	Choose Option
Cabinet Type	Amphenol Plug					INSTALLER		
Choose Option	Choose Option					Company Name		
# Pull Boxes	Distance from L.E. to L.E. (ft)	GPS LAT: (XX.XXXXXX)	GPS LONG: (XX.XXXXXX)	MP TO RCI (Feature 326)	TYPE OF COUNT			
Choose Option					Choose Option	Choose Option	Choose Option	Choose Option
LANE DESCRIPTION	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option
LOOP A	1A	2A	3A	4A	5A	6A	7A	8A
LOOP A INSULATION TEST B (>100MΩ)								
LOOP A INDUCTANCE (B) (70-124μH)								
LOOP A RESISTANCE (B) (<10Ω)								
LOOP A Operational Status	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option
PIEZOS	1P	2P	3P	4P	5P	6P	7P	8P
PIEZO VOLTAGE (>40 mV)								
PIEZO CAPACITANCE (4.00-10.00 nF)								
PIEZO RESISTANCE (>20 MΩ)								
PIEZO Operational Status	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option	Choose Option
LOOP B	1B	2B	3B	4B	5B	6B	7B	8B



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# **PTMS**

# **Database Management System**

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# Background

- PTMS Database History
  - [PTMS Inspection Database](#) (2005-2010)
- PTMS Database Management System (2010 - present)
  - Created in Access
  - Capabilities for queries
  - Generate reports to excel
  - Including Google Earth Interface
  - Record memo and comments
  - Attach documents i.e. PDFs, Word file, Pictures, Excel etc.

# PTMS Database Management System

DOT D4 T.M.A. - PTMS Data

Site No : 930020  Location : SR 845/POWERLINE RD - S OF SR 808/GLADES RD (COU) Active : Y

Roadway ID : 93026000 MP : 2.669 Purpose Code : A Survey Prg : 2

Latitude : 26.3644225 Bidir / Asc : 0 Dsc : 0

Longitude : 80.1476355

Year Installed : 2011 N/A

Repair Code : 7 N/A

Expressway : No N/A

Speed : Yes N/A

Operational : Yes N/A

Cabinet Type : 3 N/A

Piezos : Yes N/A

Class : Yes N/A

Repair Program : NR N/A

Repair Priority : PR2 N/A

# Pull Boxes : 2 0

Amphenol Plug : Yes N/A

Maintenance Comments :

Site Comments :

10/31/2010 - Kranthi  
County Link - 6602  
County Site Adjacent to DOT Site

07/11/2011- Kranthi  
Updated Reference - 2011 PTMS Inspection

07/07/2011- Kranthi

From: McKie, Kimberly  
Sent: Thursday, July 07, 2011 9:38 AM  
To: Leamed, Jason; Schwartz, Kara  
Cc: Arbelaez, Jaime

Reports / References :

2011 PTMS Inspection	<input type="button" value="ADD/SELECT"/>	<input type="button" value="DEL"/>
Accident Pictures 7/7/2011	<input type="button" value="ADD/SELECT"/>	<input type="button" value="DEL"/>
accident report	<input type="button" value="ADD/SELECT"/>	<input type="button" value="DEL"/>
GPS	<input type="button" value="ADD/SELECT"/>	<input type="button" value="DEL"/>
2016 CTS field Review	<input type="button" value="ADD/SELECT"/>	<input type="button" value="DEL"/>
	<input type="button" value="ADD/SELECT"/>	<input type="button" value="DEL"/>

# PTMS Database Management System Ongoing

- Expand the existing database to accommodate all the features from the new inspection form
- Automated data transfer from PTMS inspection form 2016 (Excel) to Database
- Additional queries for newly added features
- Retrieval of information with historical data



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# Thank you